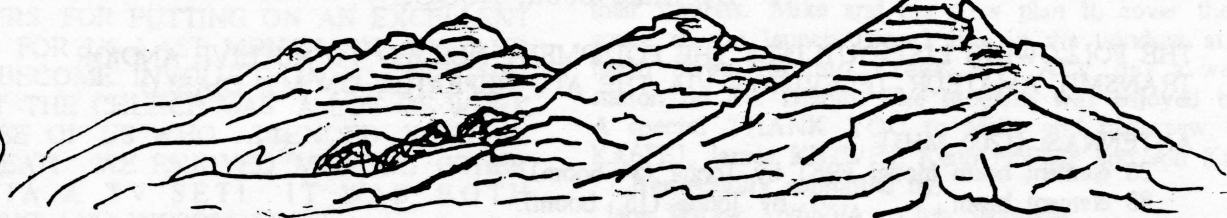


the CARRIER



W6CX

the MOUNT DIABLO AMATEUR RADIO CLUB

VOLUME XXXVI - ISSUE 8 - AUGUST 1988

REPEATERS 147.06/+ 223.74/+ 441.325/+

MONTHLY GENERAL CLUB MEETINGS NOW BROADCAST ON ATV REPEATER.

MT. DIABLO AMATEUR RADIO CLUB
AMATEUR TELEVISION GROUP
By Mike Scott, N6GOZ

A M A T E U R T E L E V I S I O N
IN THE NEAR FUTURE
By Mike Scott, N6GOZ

THE AMATEUR TELEVISION REPEATER ATOP MT. DIABLO IS CURRENTLY AT A LEVEL THAT WE CAN TERM FULLY OPERATIONAL. THE BUGS HAVE BEEN WORKED OUT OF THE SYSTEM, AND THE REPEATER IS NOW PRODUCING COLOR PICTURES AND SOUND THAT RIVALS THE QUALITY OF YOUR LOCAL CABLE SYSTEM. BOTH ANTENNAS ARE OMNI DIRECTIONAL AND LOCATED ON THE NORTH-EAST LEG OF THE TOWER AT ABOUT THE 160 FOOT LEVEL.

EXTENSION PLANS FOR THE SYSTEM ARE UNDERWAY. WE PLAN TO ADD A 1.2 GHz OUTPUT WHICH WILL HELP OUR SACRAMENTO FRIENDS WHO HAVE HAD TO CONTEND WITH RADAR INTERFERENCE ON UHF FROM BEALE AFB. THE 1.2 GHz SERVICE WILL ALSO BE USED FOR LINKING OTHER AREAS VIA THE USE OF TRANSLATORS WHICH WILL ENABLE PEOPLE WITH EXISTING UHF AM EQUIPMENT TO WORK THE REPEATER THUS AVOIDING REDUNDANCY. CURRENT PLANS CALL FOR THE INITIAL TRANSLATORS TO BE LOCATED IN THE SOUTH BAY AND THE SIERRA FOOTHILLS.

THE ADDITION OF A 2.4 GHz OUTPUT IS ALSO UNDER NEGOTIATION WHICH WOULD ALLOW THE USE OF THOSE MDS (OR HBO) DISH ANTENNAS AND GIVE US ANOTHER OUTPUT TO USE FOR LINKING AND DIRECT VIEWING. WE HOPE TO HAVE THE LARGEST AREA COVERAGE ATV SYSTEM IN THE COUNTRY, LIMITED ONLY BY THE PARTICIPATION OF OUR MEMBERS AND USERS.

THE COMING MONTHS PROMISE SOME EXCITING ATV VIEWING. LIVE REMOTES ARE PLANNED FROM SITES WE HOPE WILL INCLUDE THE NEW FACILITY AT THE SHERIFF'S BUILDING IN MARTINEZ, THE OFFICE OF EMERGENCY SERVICES HEADQUARTERS IN SACRAMENTO, POLICE, FIRE, RED CROSS AND CIVIL AIR PATROL FACILITIES LOCALLY.

SPACE SHUTTLE COVERAGE IN SEPTEMBER WILL BE LIVE AND CONTINUOUS. THIS COVERAGE IS OBTAINED DIRECT FROM SATCOM 2 ORBITING ABOUT 22,000 MILES ABOVE THE EQUATOR VIA AN EARTH STATION AND FED DIRECTLY TO THE REPEATER. WE PLAN TO HAVE AN OPERATING STATION ON DISPLAY IN A MEMBERS DOWNTOWN WALNUT CREEK STOREFRONT SO THE GENERAL PUBLIC CAN WATCH THE MISSION AND PERHAPS LEARN A LITTLE ABOUT ATV.

REPEATER LOCATION: MT.DIABLO (SOUTH PEAK)
REPEATER CALLSIGN: W6NKF/R (ATV)
REPEATER INPUT: 1264 MHz
REPEATER OUTPUT: 427.25 MHz (Catv ch.58)
POWER: (ERP) 250 WATTS
ANTENNA POLARITY: VERTICAL
REPEATER ACCESS: VIDEO SIGNAL (REPEATER RESPONDS TO SYNC)

ATV EQUIPMENT LIST

By Mike Scott, N6GOZ

THE FOLLOWING LIST OUTLINES THE EQUIPMENT NEEDED TO RECEIVE AND/OR TRANSMIT AMATEUR TELEVISION VIA THE ATV REPEATER ON MT. DIABLO.

ANTENNAS: (1200 MHz)

23 element beam model F9FT by Tonna (5' boom).

88 element beam by Tonna (15' boom).

COAX: (1200 MHz)

Helix or Hardline. 9913 RH-214

TRANSMITTER:

1.2 GHz 1 watt ATV trx (via PC Electronics, 818-4474565)

1.2 GHz 8 watt transceiver model 1271 (via Icom)

ANTENNAS: (UHF)

Most amateur UHF yagi's will work, however, 2 models are to be found exclusively in use:

48 element "J" beam, model 70 mbm-48 at 15.7db (boom 6')

88 element "J" beam, model 70 mbm-88 at 18.5db (boom 14')

These antennas are available via Spectrum International at 617-263-2145.

Those of you using cable ready equipment or cable company converters will find that most of the garden variety UHF TV antennas (even Radio Shack) will work.

RECEIVERS: (UHF)

Downconverter with channel 3 or 4 output available thru PC Electronics, works on 12V and costs about \$90.

Cable ready TV or VCR that tunes cable channel 58.

Cable company converter that tunes catv 58.

PICNIC 1988 HIGHLIGHTS

LAFAYETTE RESERVOIR - JULY 17, 1988

***MIKE WHITTEN KB6FHC VOLUNTEERED TO BE AT THE PICNIC AREA AT 6AM TO ASSURE A RESERVED SPOT FOR OUR GROUP. THANKS MIKE. ***APPROXIMATELY 65 CLUB MEMBERS ATTENDED, ARRIVING FROM 9AM UNTIL AFTER 2PM AND THE WIND-UP WAS ABOUT 4PM.

***IN THE EGG-TOSS, 24 CONTESTANTS, JAY KT6X AND DON N6IZO WERE WINNERS, SHIRLEY N6QHF AND BEVERLY, XYL N6IZO, WERE THE FIRST TO BREAK THE EGG. ***DWANE N6SPX TOOK PICTURES OF THE EVENT FOR ATV. ***PAUL GIRARD, CALL SIGN 'RG58U', WAS IN CHARGE OF GAMES. ***IN THE WATER BALLOON EVENT, JOAN COYNE, XYL KB6QPN, AND GUEST CAROL CARLSON WERE THE DRY ONES, GLENN KJ6EN GOT A HANDFULL OF WATER. ***25 PARTICIPATED IN THE EGG WALK/RUN. WINNERS JOHN W160 AND MIKE N6QYA. ***GEORGE WA6OFH KEEPING THE EVENTS GOING WHILE XYL BERTHA HOSTESSED THE FOOD TABLE. ***JAY KT6Y REFEREED THE TUG-OF-WAR, 24 VERY DETERMINED CONTESTANTS. A 2-OUT-OF-3 PULL SHOWED WHO WAS WHO !!

***THE RAFFLE. CONDUCTED BY LAUREN WA6CIE. WINNERS WERE DAREN KB6WAS, A 440 HH, MIKE N6GOZ AND LAUREN WA6CIE,

REPEATER DIRECTORIES. NON-HAM PRIZES WERE A FIRST-AID KIT AND 24-HOUR TIMER. 4 FRISBEES FOR THE KIDS.

***TRANSMITTER HUNT. THE BLUE RIBBON PANEL OF JUDGES WAS JANE N6NVA, SHIRLEY N6QHF, AND WAYNE WB6WZV WHO AWARDED PRIZES FOR ORIGINALITY OF DESIGN.

JUDGES AWARDS	PARTICIPANTS	TX HUNT WINNERS
FIRST	PAUL	RG58U
SECOND	JOHN	W160
THIRD	FLETCH	K16RP
FOURTH	MIKE	N6QYA----->FIRST
FIFTH	BUD	AA6HJ (9 minutes)
SIXTH	PETE	N6QGN
HONOR. MEN.	GEORGE	WB6OFH
"	JIM	N6SPT
"	DWANE	N6SPX
"	ROBBY	N6MNL----->SECOND
"	PAUL	N6JOX (12 minutes)
"	RANDY	SON
"	JAY	KT6Y
"	BOB	KJ6CS

=====

A BLUE AND YELLOW FOLDING CHAIR WAS LEFT AT THE PICNIC GROUNDS. GEORGE KB6OFH HAS IT. CALL HIM AT 687-0912

=====

Via Packet

PRESIDENTIAL QRM
By Vicki, N6KLS

MY THANKS TO MIKE SCOTT, N6GOZ AND HIS HELPERS, FOR PUTTING ON AN EXCELLENT PROGRAM FOR US LAST MONTH ON ATV AND HOW TO BECOME INVOLVED IN IT. GETTING SET UP AT THE CHURCH WAS A LOT OF WORK AND THOSE OF US WHO ATTENDED WERE IN FOR A TREAT! WE ENJOYED MEETING OTHER HAMS VIA A TV SET! IT WAS BOTH INTERESTING AND INFORMATIVE.

THOSE OF YOU WHO MISSED THE PICNIC WILL NEVER KNOW WHO WON THE TUG OF WAR, AND YOU MISSED WATCHING THE WINNERS IN THE TRANSMITTER HUNT, EGG AND WATER BALLOON TOSS AND EGG RACE! ABOUT 60 PEOPLE ATTENDED AND THERE WERE A LOT OF GOOD SPORTS! CHILDREN PLAYED POGO BALL, BASEBALL, FRISBEE, AND ATE GREAT WATERMELON. IT MUST HAVE BEEN THE HOTTEST DAY OF THE YEAR, BUT IT DIDN'T STOP OUR FUN. SOME OF US COOLED OFF WITH THE WATER FROM THE WASH TUB HOLDING THE SOFT DRINKS! I'LL NEVER TELL WHO!

THE CLUBS THANKS GO TO GEORGE ROUSH WB6OFH, AND LAUREN STILES WA6CIE FOR PUTTING TOGETHER A GREAT PICNIC. ALSO A BIG THANK YOU TO MIKE WHITTEN KB6FHC WHO WENT EARLY IN THE MORNING TO RESERVE OUR SPACE.

THAT'S IT FOR THIS MONTH AND WE WILL SEE YOU ALL AT OUR NEXT CLUB MEETING ON AUGUST 19TH!

73, VICKI N6KLS

MDARC MONTHLY MEETING MINUTES
15 JULY 1988

N6KLS your Pres. called the meeting to order and introduced guests and upgrades.

Treas. Dick AA6DL is on vacation. Jay KT6Y gave the treas. report, checking \$3543.86, savings \$1193.47

DOOR PRIZES: We had \$75 in door prizes. The Club isn't selling enough tickets to pay for the prizes. So buy tickets, that way we can keep the better prizes.

We had coffee, donuts and soda, don't forget the soda cost 50 cents.

Save Thurs. nights 7:30 to 8:00 PM, for Jay KT6Y net 147.06/R+.

Doug Smith WA6GON, phone 671-3100 is looking for volunteers to work Ares/ Races with the Concord Police Dept. If you can take charge of this group or volunteer give him a call.

Lou N6VV needs an HF radio with PLL synthesized.

Mike N6GOZ and his crew went to a lot of trouble to enlighten us about ATV. He had four ATV stations check in; ED in Livermore, Mike in Concord, Bill in Pine Grove. The fellows answered questions, and showed us their stations. Mike and his crew plan to cover the next space shuttle launch (Sept.) live in the window at 1370 Main Street, Walnut Creek, also ATV has a weather station on Mt. Diablo. The program was enjoyed by all. A special THANK YOU to Mike and his crew, Mark KA6FEJ, James KB7WBJ, Keith N6PMF and son Keith.

Respectfully submitted by,

Jane Walker N6NVA Club Secretary

MINUTES MDARC BOARD MEETING
19 JULY 1988

ATTENDEES:

President	Vicki Zumwalt	N6KLS
Vice Pres.	Dick Brown	KT6X
Secretary	Jane Walker	N6NVA
E.C.	Jim Perry	AA6CK

BOARD MEMBERS:

Jay Caldis	KT6Y
Jim House	KA6IVF

MEMBERS PRESENT:

Glenn Zumwalt KJ6EN
Stan Christian, Carrier Editor, WU6P

ABSENT:

Dick Schulze Treas. AA6DL

President Vicki called the meeting to order.

Minutes were approved by the board.

Acting Treas.: Jay Caldis reported \$4737.33 in the bank.

Vice Pres.: Dick Brown received a club certificate of appreciation and a letter of appreciation from Frank Tom, Director of San Ramon Valley Triathlon, for the communications our Club members furnished for them.

E.C.: Jim Perry presented the Board with a description of the Emergency Coordinators duties. The Red Cross response site was discussed, and we should activate the site more.

The Board felt the Club could benefit by ordering World Radio Magazine and voted \$60 for same. Also approved an additional \$50 for the Xmas party. We are not selling enough tickets to pay for the door prizes. Jay made a motion door prizes. Jay made a motion for a ONE TIME ONLY, tickets cost 10 for \$2, and we take up to \$50 extra for higher quality prizes. Jim House seconded the motion. Dick Brown amended the motion, that the club pay for any deficit we may have, and not come from the prize money fund, the Board approved the Amendment.

Next Board meeting 23 August 1988 7:30pm
Jim House' house.

Respectfully submitted

Jane Walker N6NVA
Secretary

BIOGRAPHICAL SKETCH

DWAYNE L. ESKRIDGE W6LKE

By Dwayne L. Eskridge

Born in Hastings, Nebraska.
Raised in State of Arizona.

Graduated Arizona State Teachers College, (Now known as ASU-the SUN DEVILS) Tempe, Az. 1941. BA Degree; Majors Education and Science. Minors Mathematics and Industrial Arts (Basically radio classes, most of which I taught as a "student assistant").

First licensed in the Amateur Radio Service, about October of 1934. (Self taught in code and theory). Assigned call sign, W6LKE. Achieved Class A (Equivalent to the present "Extra Class" license) as rapidly as the law then allowed.

Was appointed State Net Control Station for the Army Amateur Radio System (Forerunner of the MARS system). Jurisdiction was States of Arizona and New Mexico.

First full time job was as a 7th Grade Core teacher, Miami, Arizona. (Salary was \$1200 per YEAR).

Employed by U.S. Department of Justice, FBI, in their Technical Laboratory, Washington, D. C. chiefly because I had a ham license and the background to become one of their first radio technicians/radio engineers. Assigned to covert radio operations and subsequently to the planning and installation of a nationwide CW radio telegraph network for the Bureau. (Prior to War II, the FBI was responsible for operation of "spy networks" in foreign countries. My assignments included development of highly portable disguised transmitting and receiving equipment for clandestine operations by our agents. Lots of "fine wire antennas" and novel enclosures for equipment.

In 1947 requested transfer to Los Angeles office for criminal investigative experience. Transferred to San Francisco Bay Area in 1948. Remained in this area until retirement in summer of 1977. Basically assignments were of investigative nature as well as those of an expert in specialized communications. Developed the first mobile repeater system in the FBI. Used Mt. Diablo as repeater site. Last 25 years of my career were as Resident Agent in Contra Costa County.

From November of 1941 until March of 1944 was assigned as Chief Radio Operator of CW station in the Territory of Hawaii. This station was first put into full operation during the attack on Pearl Harbor and was used to notify President Roosevelt of the bombing.

Amateur call sign K6LKE was issued to me a few days before Pearl Harbor (All ham stations in the Territory had "K6" prefixes in those days).

Married in Honolulu, 1943. Virginia and I have a grown son and a married daughter.

Served in US Navy as Electronic Technician 1945/1946. Last assignment was Controlled Projectile Research Department, Naval Research Laboratory, Washington, D.C.

After War II upon resumption of ham radio operations, operated under call sign of W3JTV in Washington, D.C. until transferred to California at which time was reassigned W6LKE. (Amateur operators were assigned a different call for each call district in which they resided. So long as a person was a licensed operator all the calls ever issued to that person were reserved, never reassigned, unless the person moved back to that call district at which time it was re-activated.)

In May of 1979 commissioned by Contra Costa County Sheriff, RICHARD RAINEY as permanent Chairman of the newly formed Sheriff's Communications Advisory Committee consisting of representatives of the Sheriff's Office, Police and Fire Communications, Emergency Medical Service, and other users of County communications, furnished by the Sheriff's office. Major projects were 911 implementation and development of a county wide self healing microwave linking system, as well as participation in the ground work associated with the formation of the Delta Regional Communication system to serve the needs of Eastern Contra Costa County.

Present occupation: Consultant in the general field of communications and consultant to the City of Walnut Creek, as well as the conduct of sophisticated electronic searches of areas utilized as major commercial office spaces to locate any evidence of electronic "evesdropping" or professional espionage.

Currently am an appointed Assistant Director of the Pacific Division, ARRL, and the appointed SECTION EMERGENCY COORDINATOR for Alameda, Contra Costa, Napa and Solano Counties, (East Bay Section) with specific responsibilities for development and implementation of local disaster communication response activities relating to the organization, training, and mobilization of members of the Amateur Radio Service in those counties. I am an Official Observer and a member of the Amateur Auxiliary of the FCC.

I am a Life member of the ARRL, a member of the MDARC, RRRG, Society of Amateur Radio Operators, Radio Club of America (the oldest radio club in the world), Quarter Century Wireless Association, the Society of Wireless Pioneers (a society whose

membership consists of those who have been professional CW radio operators), CCRA, and APCO (National Association of Public Safety Communications Officers).

Received First Class Radio Telephone license and Second Class Radio Telegraph Commercial licenses in 1942. Like the Amateur license examinations, in those times, the examinations were essay types. They gave you a tablet of blank paper, and a sheet of questions. No multiple choice or hints of any kind. I wrote on the commercial exams for two eight hour days to complete them.

Non-radio groups which I am proud to be a part of include Pearl Harbor Survivors Association-Honorary Member, Diablo Chapter; Charter member FBI American Legion Post; National Association of Eagle Scouts, and the Masonic Lodge.

THE CONTRA COSTA COUNTY ARES, RACES HIGH FREQUENCY NET By Hank Berriman, W6ZHY, AEC

Our Contra Costa County Emergency Radio Service is a very active group of hams. Led by our ARRL East Bay Section Emergency Coordinator, Dwayne Eskridge, W6LKE, coverage extends even beyond East, West, South and Central C.C. County via VHF, UHF, ATV and packet radio communications. Perhaps some of you, however, may not be aware of the support this group may need in a disaster situation where VHF simplex will not cover. Using a bit of your imagination... ..like repeaters malfunction, telecommunications overloaded, West County Red Cross can't get through to State Region II OES at Pleasant Hill or County OES can't reach Lafayette or Moraga. Long distance traffic such as Health and Welfare messages can't be delivered until local power is restored and VHF repeaters are repaired.

This is where 75, 40, yes and even 10-meters can fill a very important service. Imagine HF mobile or even portable with emergency power. Fixed stations at OES headquarters and your home station can cover nearly any area or distance. The Western Public Service System on 3952 KHz or Wescard on 40- meters regularly contacts operators from Alaska to Mexico and Hawaii to Idaho, Montana, Colorado and Arizona. Even those points in C.C. County that simplex won't work on VHF can easily be covered by HF.

Yes. HF support for our EMERGENCY RADIO SERVICE is really needed. So we have established the HF Net to operate monthly on 3895 KHz (plus or minus QRM) to follow our regular Thursday VHF Nets and especially to follow the Emergency Coordinators monthly meeting on the first Wednesday of the month.

Thus our HF Net is the first Thursday following the first Wednesday of each month at 2000 local time.

If you have the proper equipment, antenna and license we would be pleased and welcome you to join us. The Net members get to test their gear by exchanging signal reports, contacting other member stations on frequency and learning what transpired at the meeting the preceeding evening (if the VHF Net was missed). Occasionally, the group checking in may QSY to 40 meters or 10 meters to further test equipment operations and learn which band may provide the best contact with other stations.

We average about 8 check-ins on the Net, each month, from my list of 24. That doesn't include occasional stations checking-in from Oroville, Merced, Fresno, Sacramento, and once, VE6KL, Bill, in Calgary, Canada.

It's a good group and you would be welcome to join us.

If you have any questions, catch me at any of our MDARC Club meetings.

73

HANK

W6ZHY

FREE CAPS AT AUGUST GENERAL MEETING

Compliments of YAESU and
THE BASE STATION

THE FIRST FIFTY (50) MEMBERS WHO
ARRIVE AND BUY RAFFLE TICKETS AT
THE AUGUST GENERAL MEETING WILL
RECEIVE A BLUE AND WHITE CAP.

HAPPY BELATED WEDDING ANNIVERSARIES TO MEMBERS AND SPOUSES.

July 11 - 56th wedding anniversary of Frank and Alma Calton, N6GQ/SWL

Bastille Day, July 14, - 53rd wedding anniversary of Clay and Dawn Stiles, WD6GDG/SWL.

May 26 - 53rd wedding anniversary of Betty Lou and George Hollidge, KB6UX/SWL.

Field Day 1988 - 35th wedding anniversary of Jerry and Shirley McGlathery, K6EUR and N6QHF.

Advertisement

"WE PUT UP THE LOOT;
DAUGHTER WON'T TOOT.
FIRST \$175 TAKES THE FLUTE."

THE MOUNT DIABLO AMATEUR RADIO CLUB PROFILE

WHAT WE SAY

By Dr. George Jones, KI6YK

MDARC members can do a lot of things and have a lot of talents. Many can speak a foreign language and this could be beneficial in the event of a major event in a foreign country. What can we do?

20 speak SPANISH

11 speak GERMAN

2 each speak FRENCH, ITALIAN and CHINESE

1 each speak DUTCH, JAPANESE, KOREAN, HUNGARIAN, FINISH AND ESTONIAN.

via Packet

NEW COUNTY CALENDAR

by Brad Watson WA6AEO

We have just recently begun distribution of a new 'Contra Costa Calendar'. It is available for down-load from the N6VV Mailbox on 144.99 in Central County. Use the command WR to determine the latest one available, then use the...DR CALNDRMM.DD...Command (MM is the Month, DD is the Day). These will be updated about every week.

To make this work, we need your help. Please send me any information about Club meetings, RACES/ARES events and trainings, - all organizations welcome. We would like things of general interest only - no Board or Committee meetings. Please make submissions 6 to 8 weeks prior to the date - send them to me by mail or call me on the telephone.

I think this could be a really good thing for the County as a whole, so let's pitch in and make it happen.

KEEP THOSE CARDS AND LETTERS COMING !!

MDARC MEMBERSHIP DIRECTORY UPDATE

WE WELCOME THE FOLLOWING NEW MEMBERS WHO JOINED MDARC IN THE PAST MONTH:

TIDD, Robert P. (Bob); KJ6CS, Adv.

30 El Verano, Orinda, Ca 94563

415-254-6364(h) 415-642-6418(w)

GAUGLER, Ken; N6OSK, General

1454F Wharton Way, Concord, Ca 94521

415-682-5837(h)

CONGRATULATIONS ON THE FOLLOWING UPGRADES:

HUSTON, Jim, to Technician. Now N6SPT

McGLOTHIN, Dwane, to TECHNICIAN. Now N6SPX

GRCEVICH, Mike, KB6USJ to TECHNICIAN.

LUNCH WILL BE GIN AT 12:15

CLUB OFFICERS

=====		
	PRESIDENT	
VICKI ZUMWALT	N6KLS	458-4527
	VICE PRESIDENT	
DICK BROWN	KT6X	676-9048
	SECRETARY	
JANE WALKER	N6NVA	458-3164
	TREASURER	
DICK SCHULZE	AA6DL	935-5000
	EMERGENCY COORDINATOR	
JAMES PERRY	AA6CK	680-7676
	BOARD MEMBERS	
JAY CALDIS	KT6Y	939-1893
JIM HOUSE	KA6IVF	372-0345
=====		

PUBLIC RELATIONS

CARSON TAYLOR	K6TI	820-5297
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PUBLICATION/CIRCULATION/MEMBERSHIP

CHAIRMAN

DR. GEORGE JONES KI6YK 837-9316
325 GLEN ARMS DRIVE
DANVILLE, CA 94526

'THE CARRIER' NEWSLETTER EDITOR

STAN CHRISTIAN WU6P
5450 CONCORD BLVD. #C4
CONCORD, CA 94521
415-672-0330

CONTRIBUTIONS TO 'THE CARRIER'

- (1) BY MAIL OR TELEPHONE.
- (2) N6VV BBS 144.99 MHz

DEADLINE for contributions to this newsletter; LAST DAY OF THE MONTH.

MEETING PLACE OF THE
MT. DIABLO AMATEUR RADIO CLUB

GRACE PRESBYTERIAN CHURCH
2100 TICE VALLEY BOULEVARD
WALNUT CREEK

FOLLOW SIGNS IN WALNUT CREEK
TO ROSSMOOR. CONTINUE NORTH
ON TICE VALLEY BOULEVARD
ONE BLOCK. CHURCH ON LEFT.

EVERYONE WELCOME

NEXT GENERAL MEETING
19 AUGUST 1988 - 8PM

CLUB MAILING ADDRESS
P.O. Box 23222, Pleasant Hill, CA 94523

NETS: RACES, CLUB, ATV, HF

RACES/ARES NETS

EVERY THURSDAY AT 1900 HOURS
 >CENTRAL C.C.COUNTY 145.680/S<
 JAMES HOUSE, KA6IVF, E.C.
 BILL BRIMMER, N6LZM, ALT.
 FREDA LUCIDO, N6PWT, ALT.
 >EAST C.C.COUNTY 146.540/S<
 WM.VAN VOORHIS, WA6ZFZ, E.C.
 754-1214
 >SOUTH C.C.COUNTY 146.355/+R<
 CARSON TAYLOR, K6TI, E.C.
 820-5297
 >WEST C.C.COUNTY 145.110/-R<
 JAMES CROOKE, KB6JEC, E.C.
 529-1900

QSY TO 147.735/-R AT 1920 HOURS

MT. DIABLO AMATEUR RADIO CLUB NET
 THURSDAY 1930 HOURS 147.06/+R
 JAY CALDIS KT6Y NET CONTROL
 > ATV NET FOLLOWS AT 2000 HOURS <
 MIKE SCOTT N6GOZ NET CONTROL
 DON SMITH W6NKF ALTERNATE

CONTRA COSTA COUNTY EMERGENCY RADIO SERVICES NET

FIRST THURSDAY FOLLOWING THE FIRST
 WEDNESDAY 2000 HOURS 3895 KHz
 HANK BERRYMAN W6ZHY AEC 934-9659

SHERIFF'S RESERVE UNIFORMED COMMUNICATIONS GROUP

FOR ALL INFORMATION CONTACT:

LARRY KAYE W6CPO-COOR. 933-6357
 FREDA LUCIDO N6PWT 228-3609
 BRAD WATSON WA6AEO 676-8239

OTHER CONTRA COSTA COUNTY AMATEUR RADIO NETS

CONTRA COSTA REPEATER ASSOCIATION
 EVERY MONDAY 7:35PM 147.735/-R

PLEASANT HILL AMATEUR RADIO CLUB
 EVERY WEDNESDAY 7:30PM 147.735/-R
 > 10-METER NET <
 EVERY WEDNESDAY 8:00PM 28.310 MHz
 NET CONTROL CARL ANDERSON AA6IM

805 CLUB
 EVERY SUNDAY 8:05PM 146.895/-R

CONCORD POLICE DEPARTMENT OFFICIALLY RECOGNIZES RACES

By Doug Smith, WA6GON

THE CONCORD POLICE DEPARTMENT, AS PART OF ITS REGULAR VOLUNTEER PROGRAM, HAS OFFICIALLY RECOGNIZED THE RACES/ARES VOLUNTEERS. IF THE CITY OF CONCORD BUDGET SITUATION DOES NOT CHANGE IN THE NEXT MONTH, CONCORD WILL INSTALL 2 AMATEUR RADIO PACKET STATIONS; ONE AT THE POLICE DEPARTMENT BUILDING AND THE OTHER IN THE DISASTER CONTROL CENTER ON AVILA ROAD. THE DEPARTMENT IS IN PARTICULAR NEED OF A PERSON WITH LEADERSHIP ABILITY TO MAKE THE STATIONS A REALITY, AND OTHERS TO HELP WITH CONSTRUCTION AND INSTALLATION.

IN TIME OF DISASTER, THE DEPARTMENT WILL DRAW STATION PERSONNEL FROM THE RACES/ARES POOL. DURING NON-DISASTER PERIODS WE HOPE TO USE OUR COMMITTED VOLUNTEERS FOR OTHER ASSIGNMENTS, SUCH AS, BUT NOT LIMITED TO: (1)HALLOWEEN SAFETY PATROLS, (2)PARADE COMMUNICATIONS, (3)SUPPLEMENTAL COMMUNICATIONS IN- HOUSE IN THE EVENT OF TELEPHONE FAILURE, (4)SEARCHES FOR LOST CHILDREN, (5) FREQUENCY MONITORING, (6)DIRECTION FINDING, (7)TECHNICAL SUPPORT.

THE RACES/ARES GROUP IS ABLY ORGANIZED UNDER SHERIFF RAINEY'S OFFICE AND WE HAVE NO DESIRE TO CREATE A UNIQUE GROUP. RACES/ARES IS SEEN AS A VALUABLE COUNTY WIDE RESOURCE AVAILABLE TO EVERY EMERGENCY SERVICES AGENCY.

VOLUNTEER I.D.CARDS AND ARMBAND PATCHES WILL BE PROVIDED TO BE WORN WITH THE RACES JACKET. NO SPECIAL UNIFORMS. TIME VOLUNTEERED CAN BE RELATED TO THE ACTIVITY ASSIGNMENT.

THE DEPARTMENT HOPES TO GIVE COMMITTED VOLUNTEERS A TRAINING PROGRAM AT THE DEPARTMENT, AND PARTICIPATE IN THE QUARTERLY RACES/ARES TRAINING SESSIONS IF THERE IS INTEREST.

THE DEPARTMENT PLANS TO COMBINE TRAINING TO SET COUNTY-WIDE STANDARDS FOR AMATEUR VOLUNTEER COMMUNICATIONS SUPPORT OF LAW ENFORCEMENT AGENCIES.

TO PARTICIPATE, YOU MUST BE A CURRENT MEMBER OF SHERIFF RAINEY'S RACES/ARES GROUP. FINGERPRINTING AND A DMV HISTORY WILL BE NECESSARY.

THE FIRST GROUP PLANNING/ORIENTATION MEETING WILL BE IN LATE AUGUST.

IF YOU WOULD LIKE TO WORK WITH THE POLICE DEPARTMENT OF CONCORD, PLEASE CALL DOUG SMITH, (WA6GON), POLICE COMMUNICATIONS SUPERVISOR, AFTER AUGUST 14, AT 671- 3100

CLUB MEMBER RUFUS BRYANT, N6NFR RECEIVES AWARD FROM VETERANS ADMINISTRATION HOSPITAL

The Veterans Administration Hospital in Martinez gave an award of Recognition to Club member Rufus Bryant, N6NFR, for his services as a volunteer in their 'Drug and Alcohol Rehabilitation Unit'.

Here is Rufus' own story, written by him, telling why and how he became a volunteer, and the details of the award.

* * * * *

By RUFUS S. BRYANT, N6NFR

For three plus years Rufus S. Bryant, N6NFR, was in the U.S. Army as a corporal technician in communications and medical.

Employed 21 years by the American Export Line of New York City as a First Class waiter on the luxury lines S.S. Constitution and as a dining room Captain and Captain-Man on the Excambion.

After retirement in 1969 his problems began, which he took to alcoholism after missing the sea and foreign countries.

After several years as an alcoholic, in 1981 he asked the Lord to heal him from this sinful taste, and he would devote his time to help others with their drinking problems, which he has.

On 6 May 1988 he was awarded a VOLUNTEER SERVICE CERTIFICATE for working a total of 1384 hours over a period of seven years for the Veterans Administration Hospital in Martinez. He is a receptionist and interviews and directs in/out patients for the Drug and Alcohol Program.

To the present day Rufus N6NFR does not drink or smoke. He says, "Thank God".

The Mount Diablo Amateur Radio Club Membership extends a WELCOME to the following VISITORS who attended the July General Meeting:

Douglas and Carolyn Clark	Charlie Nielsen
1576 First Avenue	2064 Norris Rd.
Walnut Creek, Ca	Walnut Creek, Ca

Doug Smith, WA6GON
Communications Supervisor
Concord Police Department

ROCKY RIDGE REPEATER GROUP MEETING July 20, 1988

The timer on 2m will be extended to 45 secs. The long timer will remain at 1 1/2 minutes.

We're still experimenting with 2m/220 linking. If you hear strange noises coming across it might be our testing.

Packet digipeater should be up this weekend on TV hill on 144.99

PL on 2m is sked for September. It will be a 2-step process. (1) Send Rick Barber a check by 9/1 (details elsewhere). (2) Approx. 2 weeks afterward an install date will be announced. BRING YOUR SCHEMATIC to your install appointment. You can install a dip switch later if you want to change it. You might want to check on cost of PLs from the factory, it might be a better deal than the RRRG-installed offer.

450 antenna system is still in the design stage.

Dues structure will remain the same as last year. Dues will be due on 31 January. Club will provide an SASE for your dues payment.

Treasurer reports \$2127.95 in checking. All bills paid to date.

NEW MEMBER: KEN N6OSK Welcome to Rocky Ridge !!

Respectfully submitted,
Donald Ledwith, K7SDF, Secretary

PL COMING FOR 2M W6CX USERS By Donald Ledwith K7SDF

As previously announced, the site owner for the W6CX repeater is requiring PL.

PL has been delayed 30 days. Two meter PL is now scheduled for September. As a courtesy to its members, the Rocky Ridge group will be installing PL in radios by mid September (members only please). The board is very small and will fit in any radio.

The PL frequency for two meters will be 100Hz. The PL installed will be for this single frequency but you can install a dip switch if you want to change it. You may wish to check with your radio's manufacturer to see if he offers a better deal on a PL board.

If you plan to take advantage of the RRRG's offer, you must send payment by September 1. Cost will be \$40 per radio. Make your check payable to the Rocky Ridge Repeater Group. Send to: Rick Barber, WB6EZI, 3141 Milner Road, Antioch, CA 94509. Include your radio's make, model and serial number.

Remember, you must BRING YOUR SCHEMATIC when you drop your radio off for installation.

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(404) 263-0700
Larry, Mgr. WD4AGW
Doraville, 1 mi. north of I-285

BURLINGAME, CA 94010
999 Howard Ave.
(415) 342-5757
George, Mgr. WB6DSV
5 miles south on 101 from SFO

OAKLAND, CA 94606
2210 Livingston St.
(415) 534-5757
Al, Mgr. WA6SYK
17N-5th Ave / 17S-16th Ave

PHOENIX, AZ 85015
1702 W. Camelback Rd.
(602) 242-3515
Bob, Mgr. K7RDH
East of Hwy 17

SAN DIEGO, CA 92123
5375 Kearny Villa Rd.
(619) 560-4900
Tom, Mgr. KM6K
Hwy 163 & Claremont Mesa Blvd

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Don't forget to renew your ARRL membership through the Club. Send us the card and money. We forward to the ARRL and get to keep \$2.00.



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